

Proposed Substitute House Bill 1584 (H-1324.1)

House Environment & Energy Committee

By Representative Barnard

Original Bill:

Planning for advanced nuclear reactor technology in Washington.

Proposed Substitute (H-1324.1) compared to the original bill:

- Makes a number of changes to phrasing, including referring to a carbon free economy instead of a clean energy economy, and removing "measures that will promote the development of" when referring to the consideration of advanced nuclear reactor technology in Washington.
- Adds a new subsection to the intent section of the bill, stating that the Legislature recognizes that the safe and permanent storage of spent nuclear fuel is an issue which remains unsolved.
- Removes references to natural gas in the guiding principle for the State Energy Strategy regarding the state reducing its dependence on fossil fuel energy sources.

Committee: House Environment & Energy Committee
Staff: Andrew Hatt (786-7296) and Megan McPhaden (485-0401), Office of Program Research
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Draft: H-1324.1

1 AN ACT Relating to planning for advanced nuclear reactor
2 technology in Washington; amending RCW 43.21F.088; and creating a new
3 section.

4 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF WASHINGTON:

5 NEW SECTION. **Sec. 1.** (1) The legislature reaffirms that
6 Washington needs to implement a comprehensive energy planning process
7 and that the state energy strategy developed and periodically
8 reviewed by the department of commerce is an important element of
9 that planning responsibility. The legislature has declared that a
10 successful state energy strategy must balance three goals:
11 Maintaining competitive energy prices that are fair and reasonable
12 for consumers and businesses and support our state's continued
13 economic success; increasing competitiveness by fostering a carbon
14 free economy and jobs through business and workforce development; and
15 meeting the state's obligations to reduce greenhouse gas emissions.

16 (2) The legislature finds that consideration of advanced nuclear
17 reactor technology aligns with the legislature's goals for a
18 comprehensive energy strategy. Therefore, the legislature intends for
19 the state energy strategy to include consideration of advanced
20 nuclear reactor technology in Washington.

(3) The legislature further finds that advanced nuclear reactor technology is a nonemitting electricity generation resource that may help Washington meet its long-term emissions reduction goals for the electricity sector. The field of nuclear technology is rapidly evolving as new innovations are made, and the legislature concludes that the state should examine the various ways advanced nuclear reactor technology might support the state's energy infrastructure and economy in the future.

(4) Furthermore, the legislature recognizes that the safe and permanent storage of spent nuclear fuel remains unresolved after years of federal inaction. The legislative and executive branches of state government should actively advocate for congress, the federal government, and the nuclear industry to resolve this longstanding issue.

Sec. 2. RCW 43.21F.088 and 2010 c 271 s 403 are each amended to read as follows:

(1) The state shall use the following principles to guide development and implementation of the state's energy strategy and to meet the goals of RCW 43.21F.010:

(a) Pursue all cost-effective energy efficiency and conservation as the state's preferred energy resource, consistent with state law;

(b) Ensure that the state's energy system meets the health, welfare, and economic needs of its citizens with particular emphasis on meeting the needs of low-income and vulnerable populations;

(c) Maintain and enhance economic competitiveness by ensuring an affordable and reliable supply of energy resources and by supporting clean energy technology innovation, access to clean energy markets worldwide, and clean energy business and workforce development;

(d) Reduce dependence on fossil fuel energy sources through improved efficiency and development of ~~((cleaner energy sources, such as))~~ bioenergy, low carbon energy sources, and ~~((natural gas))~~ advanced nuclear reactor technology, and leveraging the indigenous resources of the state for the production of clean energy;

(e) Improve efficiency of transportation energy use through advances in vehicle technology, increased system efficiencies, development of electricity, biofuels, and other clean fuels, and regional transportation planning to improve transportation choices;

1 (f) Meet the state's statutory greenhouse gas limits and
2 environmental requirements as the state develops and uses energy
3 resources;

4 (g) Build on the advantage provided by the state's clean regional
5 electrical grid by expanding and integrating additional carbon-free
6 and carbon-neutral generation, and improving the transmission
7 capacity serving the state;

8 (h) Make state government a model for energy efficiency, use of
9 clean and renewable energy, and greenhouse gas-neutral operations;
10 and

11 (i) Maintain and enhance our state's existing energy
12 infrastructure.

13 (2) The department shall:

14 (a) During energy shortage emergencies, give priority in the
15 allocation of energy resources to maintaining the public health,
16 safety, and welfare of the state's citizens and industry in order to
17 minimize adverse impacts on their physical, social, and economic
18 well-being;

19 (b) Develop and disseminate impartial and objective energy
20 information and analysis, while taking full advantage of the
21 capabilities of the state's institutions of higher education,
22 national laboratory, and other organizations with relevant expertise
23 and analytical capabilities;

24 (c) Actively seek to maximize federal and other nonstate funding
25 and support to the state for energy efficiency, renewable energy,
26 emerging energy technologies, and other activities of benefit to the
27 state's overall energy future; and

28 (d) Monitor the actions of all agencies of the state for
29 consistent implementation of the state's energy policy including
30 applicable statutory policies and goals relating to energy supply and
31 use.

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